



































PETER H. RAVENHILL COLLECTION
1148
PETER H. RAVENHILL & COMPANY







RELINQUISHED

TRADE MARK REG. U.S. PAT. OFF.

THERMOSTATIC LAMP

FRANKS & BETZ CO.

HAMMOND, IND.

BY AMP. 10 TYPE NO.





HALL WELLS SHELTON
GIANT SPECIAL

100 28270

110 VAC & DC 125

T32















SPECIFIC CHROMIUM METRY

BY THE
FEDERAL BUREAU OF INVESTIGATION
UNITED STATES DEPARTMENT OF JUSTICE

ATTORNEY GENERAL

FOR THE PURPOSE OF IDENTIFYING THE
SUBSTANCE OF THE CHARGE

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102

SPECTRO-CHROME MEKRY

STANDARD COLOR MATCH

SPECTRO-CHROME

Synthetic

SPECTRO-CHROME INC.

MALDEN, NEW YORK

UNDERSTANDING

THE SPECTRO-CHROME REQUIRE

FOR REPRODUCING THE

ORIGINAL COLOR

IS ESSENTIAL FOR

ACCURATE REPRODUCTION

OF THE ORIGINAL

COLOR

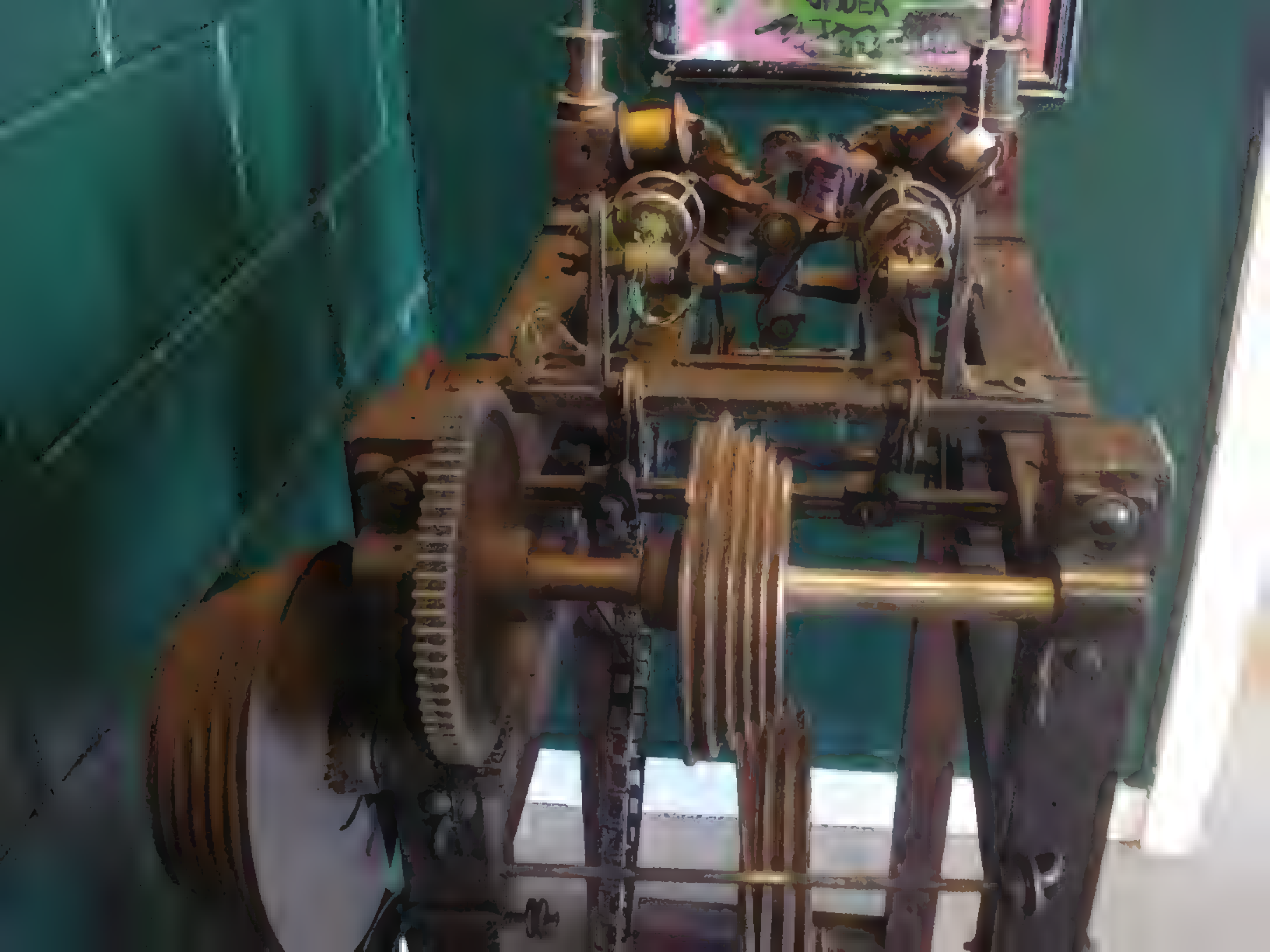
REQUIRE

FOR



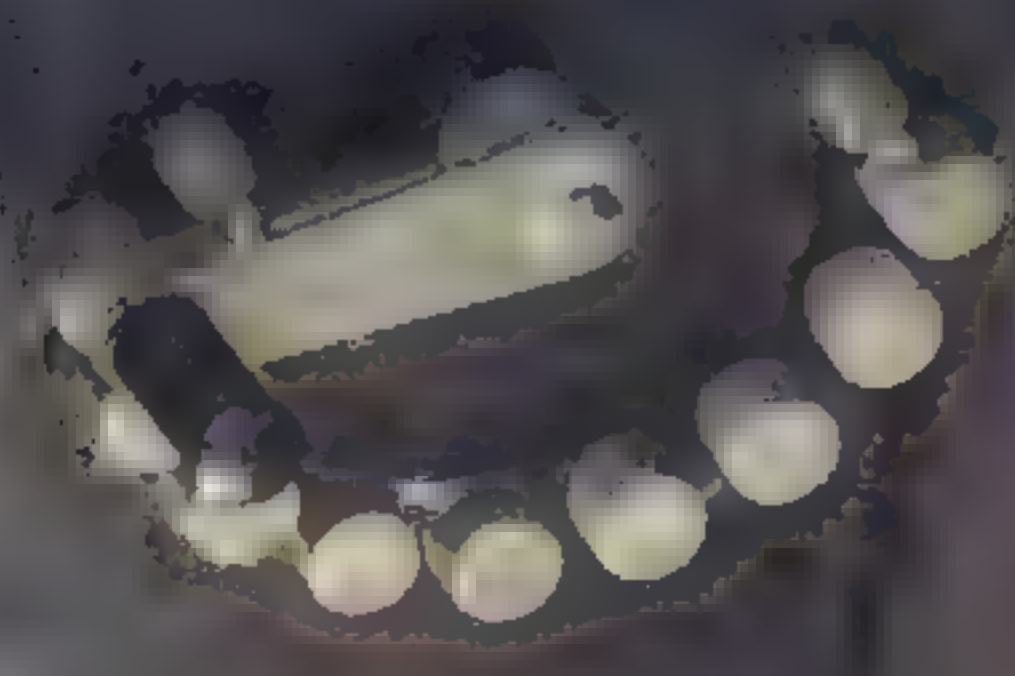
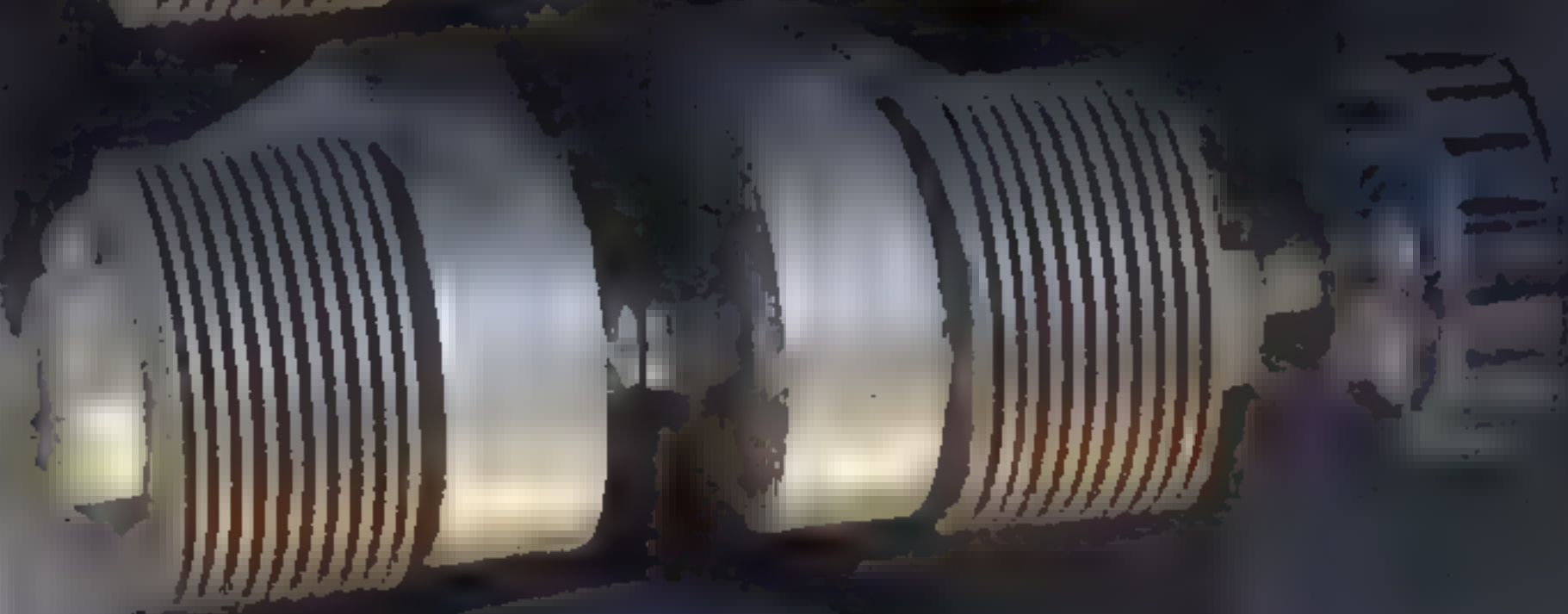




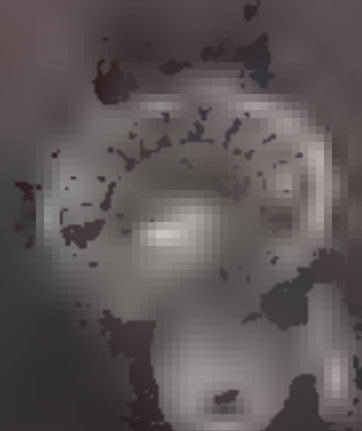




**"SUPER
DIATHERMY"**
PHYSIO-THERAPY APPARATUS
A.S. ALOE CO., ST. LOUIS, MO.
TYPE - 778 ALTERNATING CURRENT
VARY VOLTS CYCLES



1000



1000



100 11 11 11 11 11







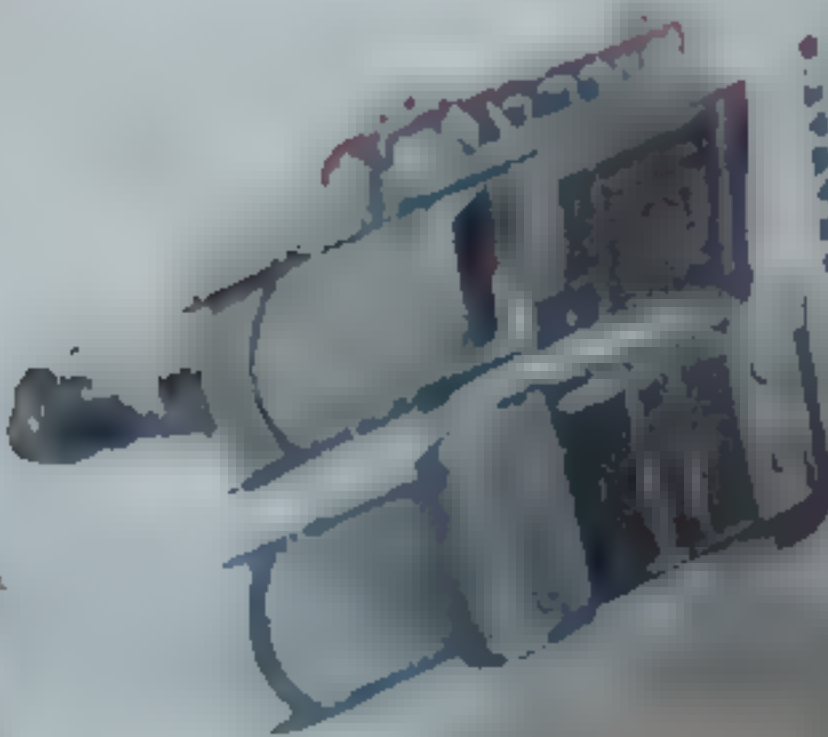






1404

Electro-Magnetic Chassis





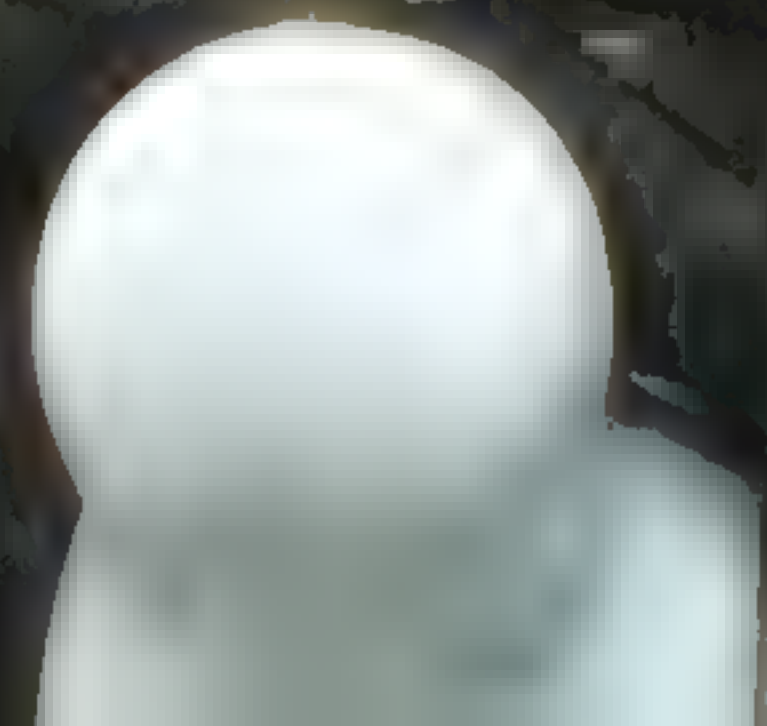








WAYSUN
WHEEL-FLARSHEN
CONCINATI - OHIO
110 VOLTS - 15 AMP
SERIAL NO 2265





BATTLE CREEK
HEAVY SUNARC LAMP

MODEL ST. 1 NO. 298

MANUFACTURED BY
BATTLE CREEK EQUIPMENT CO.
BATTLE CREEK, MICH. U.S.A.

115 AC 60 1A















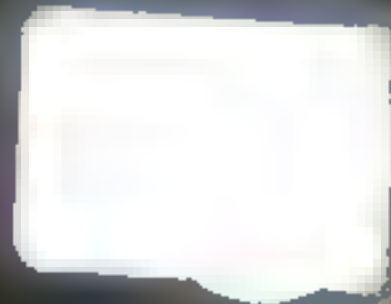




EVINRUDE
OUTBOARD MOTORS
Sales Service







POWER CONTROL



POWER INDICATOR



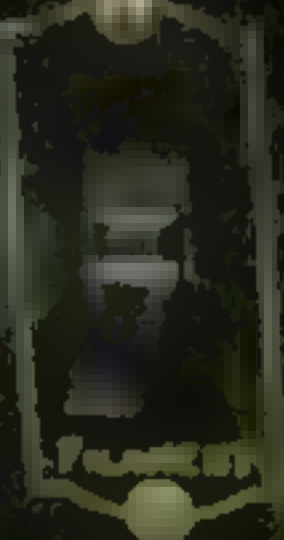
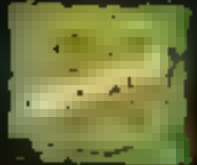
HEATING CONTROL



FISCHERTHERM
4TC-103A 15- S.W. 1048

SOLE DISTRIBUTOR
BEEBER CO. NEW YORK
PHILADELPHIA

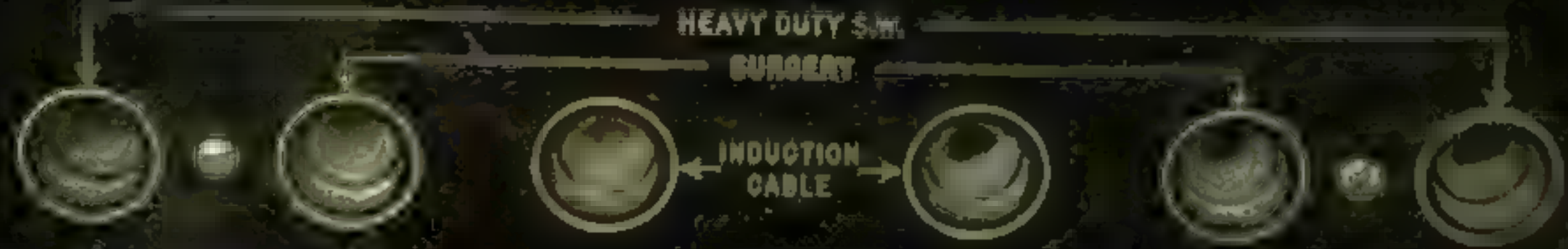
LICENSED UNDER U.S. PATENTS



FUSE



FUSE



HEAVY DUTY S.W.

SURGERY

INDUCTION
CABLE

FISCHERTHERM

SHORT WAVE



J. BEEBER CO. NEW YORK

SOLE DISTRIBUTOR





Fischer

CHICAGO, ILL.

TWIN

CARBON

ARC
LAMP

VOLTS
110

AMPS
15

MODEL M















W. & L. Jones
N^o 30 Holborn
London

















BENJ PIKE JR
294 BROADWAY
N.Y.













































NON-SMOKING ROOM



Thank You For Not Smoking



HIGH PREMIUM OIL
1500

CAMPBELL HIGH FREQUENCY GUN
VOLTS AMP CYCLES
CAMPBELL BROS. LYNN, MASS.



CAMPBELL HIGH FREQUENCY CO.
1000-10000 CYCLES PER SECOND
CAMPBELL BROS. LYNN, MASS.





GAMPELL
GAMPELL
GAMPELL





CAMPBELL HIGH FREQUENCY BOIL
VOLTS 110 AMP 4 CYCLES 100, No 1347
CAMPBELL BRO'S LYNN, MASS





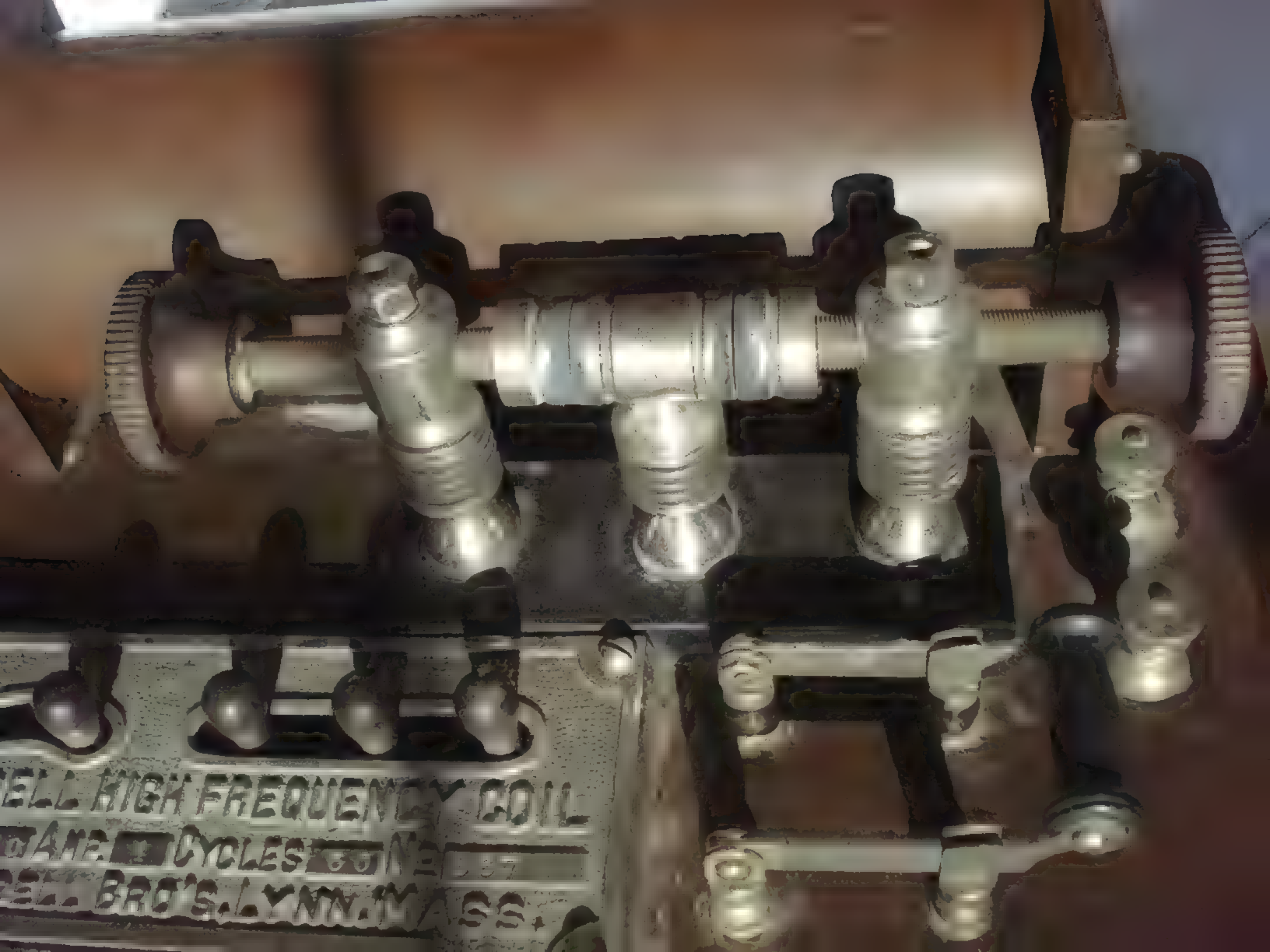








CAMPBELL HIGH FREQUENCY COIL
VOLTS AMP CYCLES PER SEC
CAMPBELL BROS. LYNN, MASS.



WELL HIGH FREQUENCY COIL
60 CYCLES PER SECOND
WELL BROS. LYNN, MASS.



















FOR UNIVERSAL OPERATION CLASS 675 TITLED

VERTICAL

80" MAX.

NEG. BULB

HORIZONTAL

NEG BRASS BASE

CALCULON

OPERATE BEHIND
VAPOR LAMP OR BELOW
HORIZONTAL

GENERAL ELECTRIC
VAPOR LAMP COMPANY

HOBOKEN, N. J. U. S. A.

SEE REVERSE SIDE

IMPORTANT

BEFORE INSTALLING TUBE.

- 1 - REMOVE RUBBER TAPE FROM BOTH ENDS
- 2 - WIPE OFF WITH CLEAN DAMP CLOTH.
- 3 - BE SURE ALL MERCURY IS IN NEGATIVE END

SEE INSTRUCTIONS































GAUTHERY

1110 V







Galvano-Faradic

BY SPECIAL

Electrical Instrument

NEW YORK ST

FOR NERVOUS

POR

M

Galva

Galvan

LECTR

EAST

MOTT.

Portable Electro Mag-
netic cases with entire.

MOST COMPLETE AND

MOTT, M.D.,

"Hospital Medical College."

ASSOC. L. BAUER.

and Surgeons.

Professional friends

and efficacy

LOUIS BAUER."

GARRATT, M. D.,

Medical Society.

instrument is truly an excellent

portion of your vibrator.

It is the best decidedly of any and

giving most distinct

enough between to

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shall offer.

ALFRED C. GARRATT."

GARRATT, M. D.,

University of Virginia

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Magnetic Machine. In

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MURRAY.

magnetic Machine for some
welve months in my office
any other electrical instru-

BLUMENTHAL.

ad in daily use, the various

SPECIAL ANNOUNCEMENT.

Additional Letters-Patent Issued March 26, 1872.

THE PORTABLE ELECTRO-MAGNETIC MACHINE.

REDUCED IN SIZE ONE-THIRD—A WEIGHT NEARLY ONE-HALF.
INCREASED IN VOLUME, POWER, AND EFFICACY.
THE CURRENTS FLOW WITH UNEQUALLED SMOOTHNESS, EVENNESS,
AND DELICACY, AND CAN BE INSTANTLY AND UNERRINGLY
CHANGED FROM PRIMARY TO SECONDARY—FROM
POSITIVE TO NEGATIVE.

—
We take great pleasure in announcing the com-
pletion of our Portable Electro-Magnetic Machine.
Every effort has been made to reduce the
or Ex-



HEROME KIDDER
INVENTOR
Pat. March 15 1867
Jan 18 1866 Sept 18 1866
Dec 10 1869
Pat. Dec 1 1866
PAT IN ENGLAND PAT IN FRANCE
3 July 1867
NEW YORK











VOLTS 110
NO. 1700001
SPEED





THE KINRAIDE COIL

MAKED BY

HOWARD JACKSON

FOR

SWETT & LEWIS CO.

BOSTON, MASS.

NO. 135 V. 110 CYCLES

PATENTED





























































THE
AMERICAN CUP - 2015
WON BY THE
WILLIAMSON
HALL OF FAME
CLUB









11-2000
K









WILLIAM A. ASHMAN

JOHN BARLOW

W. W. HETHERTON

J. S. H. KINGS

JOHN F. KOEFER

JOHN F. KLEIN

WILLIAM D. KLEIN

JOHN D. KLEIN

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ERIC H. PERRY
AM. F. PINKHAM
END. S. ...
ST. F. ...
LE S. W. ...
ME. C. UPT
E. E. WIL
ERT. G. W.
R. H. W.
M. K. E.















1051

AMERICAN INSTITUTE
OF
ELECTRICAL ENGINEERS



EDDIE ASTORIA
N. O. A.

Guglielmo Marconi
Charles P. Steinmetz

Elhu Thomson

ANNUAL DINNER

of

THE AMERICAN INSTITUTE
OF
ELECTRICAL ENGINEERS

GUEST OF HONOR

Signor Guglielmo Marconi

Gen. della Corona d'Italia

Member, Institution of Electrical Engineers, London

*Member, Societa Italiana delle Scienze detta dei
Quarantisti, Rome*

Member, Associazione Elettrotecnica Italiana, Rome

and

M E N U

Huitres

Potage Electrolitique

Hors D'œuvre

Rachis Olives Cardon Amouettes Salées

Filet de Boeuf a la Chésallere

Tomates farcies aux concombres

Volaille et Champignons frais a la Saucette

Filet de boeuf piqué, Sauce au Madere

Pommes de terre rissolées Haricots verts panachés

Pamplemousse au maraquin

Canard tête noire rôti

Gelée de Groseilles

Hennery frit

Salade de Romaine

Glace de fantasia

Gâteaux assortis

Fruits

Café

Cigares

Cigarettes



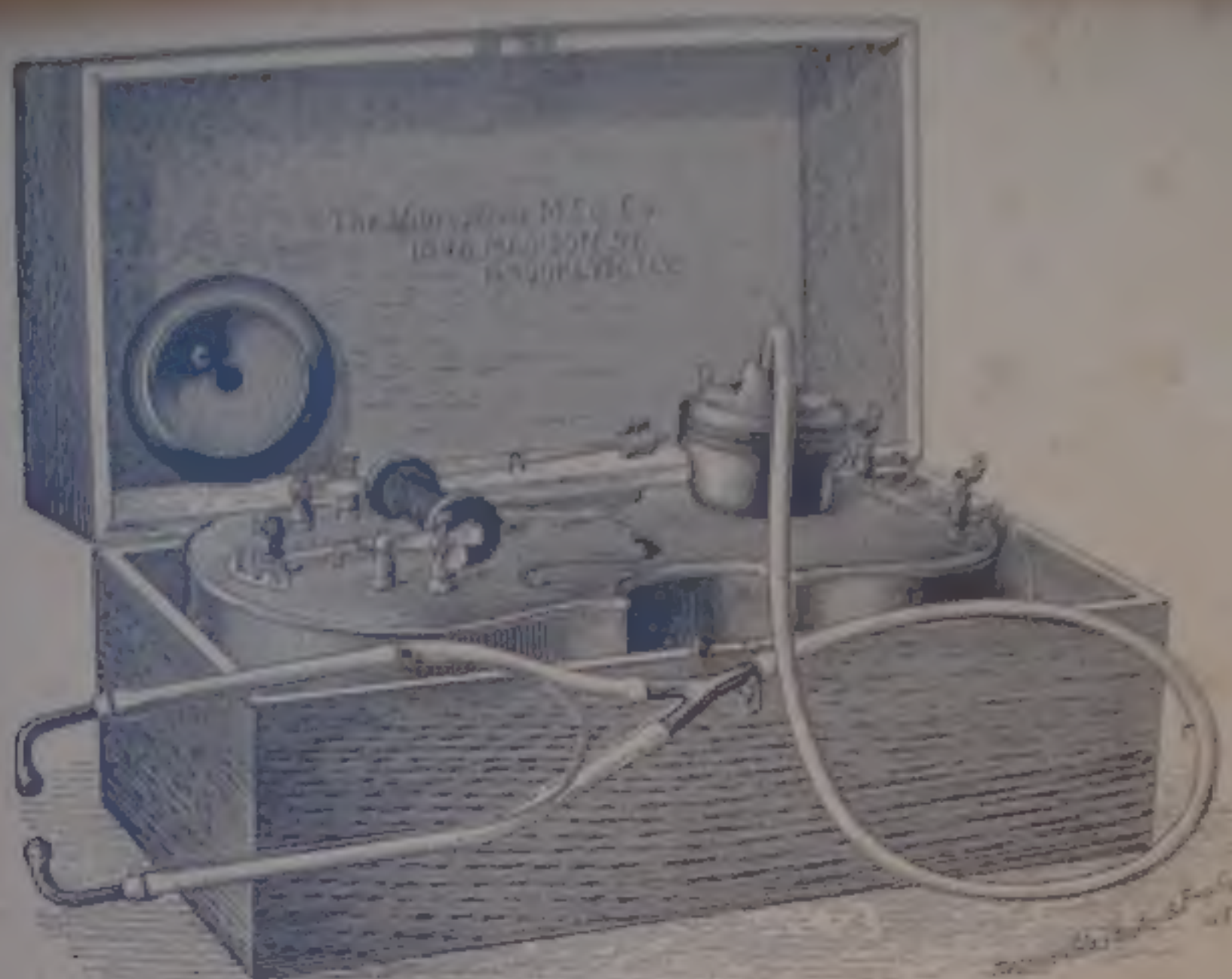


THE ELLI

808

The Phonograph





The Vibraphone Manufacturing Co.

1046 & 1048 MADISON STREET,

BROOKLYN, N. Y.

DIRECTIONS FOR USING THE VIOLIN VIBROPHONE.

B, B, which is represented on cut, are the Binding posts to which the Batteries are connected by means of wire cable.

The Wire coil between the Binding posts is the Rheostate, with which the current is turned off, or on by turning switch on same, from right to left.

S is the switch with which the vibrators are set in motion. For slow vibrations turn switch to S. V., for (low tuned) fast vibrations to M. V. and for very fine vibrations (high C) to F. V. (see plate on Instrument.)

R, Rod, whereon slow vibrations are changed by changing position of ball, **P**, Platinum contact screws wherewith the sound of fast vibrators are changed, by either screwing same in or out. **D**, Receiver to which vibrations are conducted, wherein they are magnified and from which they are, by means of rubber Tubing **T**, conveyed to the Ears, **C**, Extra large upper part of Receiver used in Chronic Cases. To use same, remove small upper part of receiver and affix the large one in the same manner.

“Caution! Never short circuit cells, by placing METAL against the two Binding posts, and never fail to have switch at OFF when Instrument is not in use.

The Platinum contacts on contact screw and vibrator should always be clean, to obtain regular vibrations.

